

## **DETAILED ACTION**

### ***Response to Amendment***

The Amendment filed on 7/01/2008, has been entered and acknowledged by the Examiner.

Cancellation of claims 5-6 and 8-10 has been entered.

### ***Claim Objections***

Claim 11 is objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form. The range for the value of y in claim 11 is larger than the range for y provided in the independent claim 2, from which claim 11 depends.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Rao (US 6,004,481).

Regarding claim 1, Rao et al. disclose a plasma display device (11) provided with a plasma display panel comprising a plurality of columns of discharge cells (14) having one of a single color and multiple colors, and a phosphor layer (15) disposed in each of the discharge cells, the phosphor layer having a color corresponding to the each discharge cell for emitting light when excited by ultraviolet rays, wherein the phosphor layer includes a green color phosphor comprising at least one kind selected from among phosphor materials defined by general formulae of  $M_{1-x}(Ga_{1-x}Al_x)_2O_4:Mn_a$  (where "M" denotes one of Ca and Sr),  $(Y_{1-a-y}$

$Gd_x(Ga_{1-x}Al_x)_3(BO_3)_4:Tb_{.sub.y}, (Y_{1-a-y}Gd_a)(Ga_{1-x}Al_x)_3(BO_3)_{.sub.4}Ce_y, Tb_y, (Y_{1-a-y}Gd_a)BO_3:Tb_y,$  and  $(Y_{1-a-y}Gd_a)_3(Ga_{1-x}Al_x)_3O_{12}:Tb_y$  (for example, see col. 1, lines 20-31 and col. 2, lines 55-64).

### ***Allowable Subject Matter***

Claims 2-4 and 7 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record fails to disclose or fairly suggest:

- A phosphor layer comprising a mixture of green phosphors satisfying the formulas claimed in claims 2-4 and 7.

### ***Response to Arguments***

Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

### **Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Anthony Perry* whose telephone number is **(571) 272-2459**. The examiner can normally be reached between the hours of 9:00AM to 5:30PM Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel, can be reached on (571) 272-2457. **The fax phone number for this Group is (571) 273-8300.**

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